

Product Comparison Guide

Sales Support

TORSHEAR EmS

Fully automatic YES NO YES Tuture upgrade Template Templat			GDS-www.gdsinstruments.com	VJ Tech	Wykeham CONTROLS GROUP
	Model		GDSRSA	VJT5600A	27-WF220E02
Political Street Properties Electro-mechanical Properties Electro-mechanical Electro-mechanical Electro-mechanical Electro-mechanical Electro-mechanical Electro-mechanical PYES YES YES YES YES YES YES YES YES YES Touch screen NO	General	Fully automatic	YES	NO	YES
Built - in datalogger YES YES YES		Stand Alone	YES	YES	YES
Built - in datalogger YES YES YES			Electro-mechanical	Manual	Electro-mechanical
Vertical load cell S kN (included) - S kN (included) -		Built – in datalogger	YES	YES	YES
Netrical road cell (included) - (included)		Touch screen	NO	NO	YES
Torsional force	Vertical load	Vertical load cell		-	
Torsional force		Resolution [N]	1	-	0.1
Max torsional stress [kPa] 1100 1000 1000 1000		Max vertical stress [kPa]	1200	1000	1200
Resolution [°] 0.01 0.0001 0.00001 The processing of the proces	Torsional load	Torsional force	Torque device (200Nm)*		
Resolution [°] 0.01 0.0001 0.00001 The processing of the proces		Max torsional stress [kPa]	1100	1000	1000
Sample dimension [mm] Sample dimension [mm] Sample dimension [mm] Sample dimension [mm] Internal: 70 External: 100 Thinkness: 5 Material Inox Porous stone Sintered Port USB USB LAN YES (optional) YES, future upgrade Up to 6 machine Template		Speed [°/min]	0.01 – 135.00	0.0001 - 900	0.00001 to 1000
Sample dimension [mm] External: 100 Thinkness: 5 Material Inox ? Inox Porous stone Sintered ? Sintered Port USB USB LAN Managing software ? YES ? (optional) Pota Processing Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included in the software Included		Resolution [°]	0.01	0.0001	0.00001
Port USB USB LAN YES YES YES, future upgrade Optional) Pata Precessing Included in the software Included in the software Sintered YES YES (optional) Template	Ring shear box	Sample dimension [mm]	External: 100	External: 100	External: 100
Port USB USB LAN YES YES YES, future upgrade Optional) Pata Precessing Included in the software Included in the software Sintered YES YES (optional) Template		Material	Inox	?	Inox
Managing software YES YES ? (optional) (optional) YES, future upgrade Up to 6 machine Template		Porous stone	Sintered	?	Sintered
Data Processing Included in the coftware Included in the coftware	PC connectivity	Port	USB	USB	LAN
Data Processing Included in the coftware Included in the coftware			?	?	
(add. Accessories)		Data Processing	Included in the software	Included in the software	Template (add. Accessories)

^{*} Not easy to re-calibrate compared to external load cell